

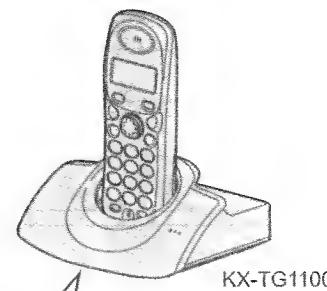
Operating Instructions

Digital Cordless Phone

Model No. **KX-TG1100HK**

KX-TG1102HK

Hotline Tel. No.: 2313 0666



Charge the batteries for about
7 hours before initial use.

Sole Agent:

Shun Hing Technology Co., Ltd.

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TG1100HK

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You must subscribe to Caller ID service to use this feature.

Caller ID

Please read these operating instructions before using the unit and save them for future reference.

Thank you for purchasing a new Panasonic digital cordless phone.

For your future reference

Keep original receipt and guarantee card to assist with any repair under warranty.

Serial No. (found on the bottom of the unit)

Date of purchase

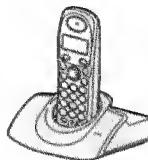
Name and address of dealer

Note:

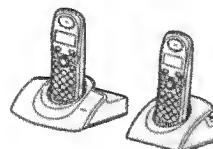
- In the event of problems, you should contact your equipment supplier in the first instance.

Your phone

KX-TG1100



KX-TG1102



Note:

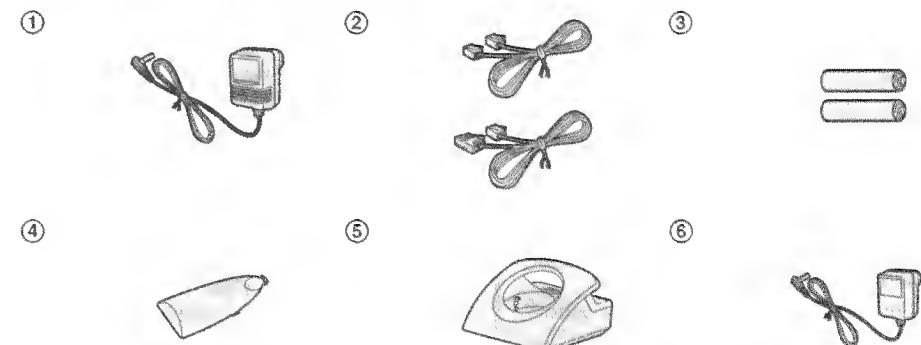
The handsets have been pre-registered for use with their base unit. If not registered, see page 16.

Included accessories

No.	Accessory items	Quantity	
		KX-TG1100	KX-TG1102
①	AC adaptor for base unit Part No. PQLV19E	1	1
②	Telephone line cord	2	2
③	Rechargeable batteries AAA (R03) size Part No. HHR-55AAAB or HHR-4EPT	2	4
④	Handset cover *1	1	2
⑤	Charger Part No. PQLV30018	—	1
⑥	AC adaptor for charger *2 Part No. PQLV200E	—	1

*1 The handset cover comes attached to the handset.

*2 The AC adaptor for the charger comes connected with the charger.



Note:

- When replacing the batteries, use only 2 rechargeable AAA (R03) size nickel metal hydride (Ni-MH) batteries. We recommend using Panasonic rechargeable batteries (Model No. HHR-4EPT).
- We cannot be responsible for any damage to the unit or degradation of performance which may occur from using non-Panasonic rechargeable batteries.

Important information

General

- Use only the AC adaptor included with this product, noted on page 3.
- Do not connect the AC adaptor to any AC outlet other than a standard 220–240 V AC outlet.
- This product is unable to make calls when:
 - The portable handset battery(ies) need recharging or have failed.
 - There is a power failure.
 - The key lock feature is turned on.
 - The call bar feature is turned on (only phone numbers stored in the unit as emergency numbers can be called).
- Do not open the base unit or handset other than to replace the battery(ies).
- This product should not be used near emergency/intensive care medical equipment and should not be used by people with pacemakers.
- Care should be taken that objects do not fall onto, and liquids are not spilled into, the unit. Do not subject this product to excessive smoke, dust, mechanical vibration or shock.
- Only the included handset can be used with the base unit. No other handsets can be registered or used.

Environment

- Do not use this product near water.
- This product should be kept away from heat sources such as radiators, cookers, etc. It should also not be placed in rooms where the temperature is less than 5 °C or greater than 40 °C.
- The AC adaptor is used as the main disconnect device. Ensure that the AC outlet is installed near the unit and is easily accessible.

Warning:

- To prevent the risk of electrical shock, do not expose this product to rain or any other type of moisture.
- Unplug this unit from power outlets if it emits smoke, an abnormal smell or makes unusual noise. These conditions can cause fire or electric shock. Confirm that smoke has stopped and contact an authorised service centre.

Battery caution

- We recommend using the battery(ies) noted on page 3. **Use only rechargeable battery(ies).**
- Do not mix old and new batteries.
- Do not dispose of the battery(ies) in a fire, as they may explode. Check local waste management codes for special disposal instructions.
- Do not open or mutilate the battery(ies). Released electrolyte from the battery(ies) is corrosive and may cause burns or injury to the eyes or skin. The electrolyte may be toxic if swallowed.
- Exercise care when handling the battery(ies). Do not allow conductive materials such as rings, bracelets or keys to touch the battery(ies), otherwise a short circuit may cause the battery(ies) and/or the conductive material to overheat and cause burns.
- Charge the battery(ies) in accordance with the information provided in these operating instructions.
- Only use the included base unit (or charger) to charge the battery(ies). Do not tamper with the base unit (or charger). Failure to follow these instructions may cause the battery(ies) to swell or explode.

Information on Disposal in other Countries outside the European Union

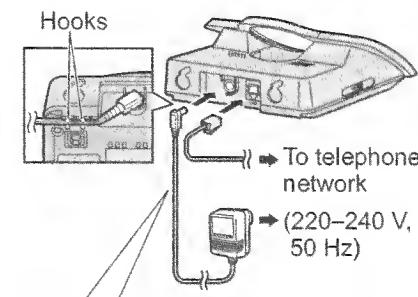


This symbol is only valid in the European Union.

If you wish to discard this product, please contact your local authorities or dealer and ask for the correct method of disposal.

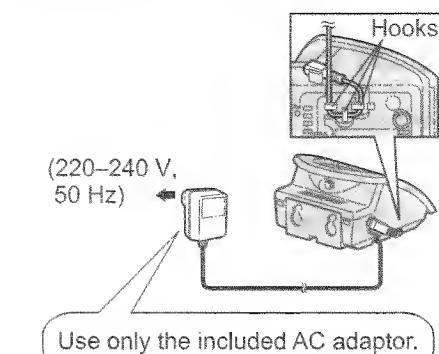
Connections

Base unit



Use only the included AC adaptor and telephone line cord.

Charger (KX-TG1102 only)



Use only the included AC adaptor.

Note:

- Never install telephone wiring during a lightning storm.
- Do not connect the AC adaptor to a ceiling-mounted AC outlet, as the weight of the adaptor may cause it to become disconnected.
- The unit will not work during a power failure. We recommend connecting a corded telephone to the same telephone line or to the same telephone jack using a T-adaptor.

Location of base unit

- For maximum coverage and noise-free communications, place your base unit:
 - At a convenient, high, and central location with no obstructions between the handset and base unit in an indoor environment.
 - Away from electronic appliances such as TVs, radios, personal computers, wireless devices or other phones.
 - Avoid facing radiofrequency transmitters, such as external antennas of mobile phone cell stations (Avoid putting the base unit on the bay window or near the window).
- Coverage and voice quality depends on the local environmental conditions.
- If the reception for a base unit location is not satisfactory, move the base unit to

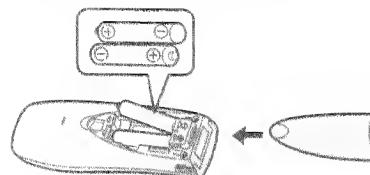
another location for better reception.

Battery installation

Important:

- Wipe the battery ends (\oplus , \ominus) with a dry cloth.
- Install the batteries without touching the battery ends (\oplus , \ominus) or the unit contacts.

Insert the batteries negative (\ominus) terminal first. Close the handset cover.



Note:

- Use only the included rechargeable batteries (page 3, 4).

Turning the power on/off

Power on

Press [$\times\textcircled{1}$] for about 1 second.

Power off

Press [$\times\textcircled{1}$] for about 2 seconds.

Battery charge

Place the handset on the base unit or charger for about 7 hours before initial use.

Battery strength

Battery icon	Battery strength
	Fully charged.
	High
	Medium
	Low
	Needs to be charged.

Panasonic Ni-MH battery performance

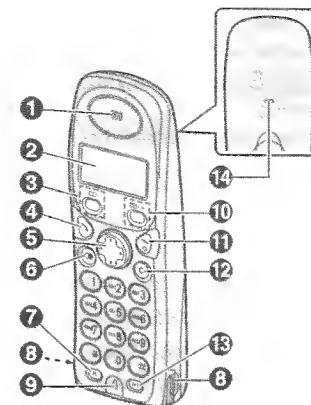
Operation	Operating time
In continuous use	10 hours max.
In continuous standby mode	120 hours max.

Note:

- It is normal for batteries not to reach full capacity at the initial charge. Maximum battery performance is reached after a few complete cycles of charge/discharge (use).
- To maximize battery life, it is recommended that the handset batteries be fully discharged (used) until flashes once every few months.
- Actual battery performance depends on a combination of how often the handset is in use and how often it is not in use (standby).
- Even after the handset is fully charged, the handset can be left on the base unit or charger without any ill effect on the batteries.
- The battery strength may not be displayed correctly after you replace the batteries. In this case, place the handset on the base unit or charger and charge for at least 7 hours.

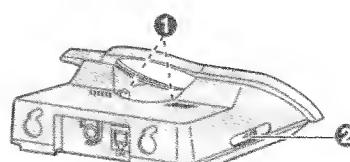
Controls

Handset



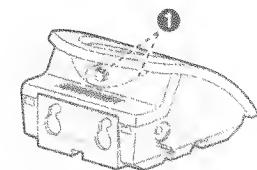
- ① Receiver
- ② Display
- ③ [□] (Phonebook)
- ④ [↔] (Talk)
- ⑤ Navigator ([↑]/[↓]/[→]/[←])
- ⑥ [●] (Redial/Pause)
- ⑦ [R] (Flash)
- ⑧ Charge contacts
- ⑨ Microphone
- ⑩ [■/OK] (Menu/OK)
- ⑪ [$\times\textcircled{1}$] (Off/Power)
- ⑫ [C] (Clear)
- ⑬ [INT] (Intercom)
- ⑭ Ringer

Base unit



- ① Charge contacts
- ② [↔] (Page)

Charger (KX-TG1102 only)



- ① Charge contacts

Displays

Icons	Meaning
	Within range of base unit
	Out of range, no registration or no power on base unit
	Paging, intercom mode or accessing base unit
	Making or answering a call
	Phonebook mode
	Setting mode
	For voice mail service (page 14)
	Battery strength
	Call bar is on (page 11).
	Direct call is on (page 11).
	Key lock is on (page 9).
	Ringer volume is off (page 11).
	Displayed when you press [#].
	If "BS NO" is selected for standby mode display (page 11) and the current base unit number is 1, "-1-" is displayed.

Icons	Meaning
[2]	If "HS NO" is selected for standby mode display (page 11) and the current handset number is 2, "[2]" is displayed.
04	4 new calls When new calls have been received, the display will show the number of new calls.

Symbols used in these operating instructions

Symbol	Meaning
[OK]	Press [OK].
→	Proceed to the next operation.
" "	Select the words in quotations shown on the display (e.g., "SETTING HS") by pressing [Δ] or [∇].

Display language

- 1 [OK]
- 2 Press [Δ] or [∇] to select "SETTING HS". → [▶] → [＊]
- 3 Press [Δ] or [∇] to select "DISPLAY OPT". → [▶]
- 4 Press [Δ] or [∇] to select "LANGUAGE". → [▶]
- 5 Press [Δ] or [∇] to select the desired language. → [▶] → [OK]

Note:

- If you select a language you cannot read, press [OK], [OK], press [∇], press [▶], press [∇] 3 times, press [▶], press [∇] 2 times, press [▶], select the

desired language, then press [▶]. Press [OK].

Dialling mode (tone/pulse)

Change the dialling mode depending on your telephone line service.
 "1" (Tone): Select when you have a touch tone service.
 "2" (Pulse): Select when you have rotary or pulse service.

- 1 [OK]
- 2 Press [Δ] or [∇] to select "SETTING BS". → [▶] → [3]
- 3 Enter base unit PIN (default: "0000").
 • If you forget your PIN, consult your nearest Panasonic service centre.
- 4 [1]
- 5 Select the desired setting by pressing [1] for tone dialling mode or [2] for pulse dialling mode.
- 6 [▶] → [OK]

Date and time

- 1 [OK]
- 2 Press [Δ] or [∇] to select "SETTING BS". → [▶] → [＊]
- 3 Enter the current hour and minute (24-hour time entry).
 • If you make a mistake, press [C]. Digits will be cleared from the right.
- 4 [▶] 2 times → [＊] 2 times
- 5 Enter the current day, month, and year.
 • If you make a mistake, press [C]. Digits will be cleared from the right.
- 6 [▶] → [OK]

Making calls

- 1 Dial the phone number. → [▶]
- 2 When finished talking, press [OK] or place the handset on the base unit or charger.

Answering calls

- 1 Press [▶] to answer the call.
 • You can also answer a call by pressing any dial key from [0] to [9], [＊], [#], or [INT]. (Any key answer feature)
- 2 When finished talking, press [OK] or place the handset on the base unit or charger.

Handset locator

- 1 Press [Δ] on the base unit.
- 2 To stop paging, press [Δ] on the base unit or press [▶] on the handset.

To adjust the receiver volume

Press [Δ] or [∇] while on a call.

Pause button (for PBX/long distance service users)

A pause is sometimes required when making calls using a PBX or long distance service. Pressing [OK] 1 time creates 1 pause. Press [OK] repeatedly to create longer pauses.

Temporary tone dialling (for rotary or pulse service users)

You can temporarily switch the dialling mode to tone when you need to access touch tone services (e.g., telephone banking services).

- 1 Make a call.

- 2 Press [*] when prompted to enter your code or PIN, then press the appropriate dial keys.

• The dialling mode will return to pulse when you hang up.

Redial functions (Redialling/Storing/Editing before calling/Erasing)

- 1 [OK] → Press [Δ] or [∇] to select the desired number.
- 2 ■ Redialling:
 [▶]
 ■ Storing:
 [▶] → "SAVE TEL NO" → [▶] → [OK] → Enter the name (9 characters max.; page 10). → [OK]
 ■ Editing before calling:
 [▶] → "EDIT CALL NO" → [▶] → Edit the number. → [▶]
 ■ Erasing:
 [▶] → "CLEAR"/"ALL CLEAR" → [▶] → "YES" → [▶] → [OK]

Key lock

The handset can be locked so that no calls or settings can be made. Incoming calls can be answered, but all other functions are disabled while key lock is on.
 To turn key lock on, press [OK] for about 2 seconds.
 To turn key lock off, press [OK] for about 2 seconds.

R button (to use the flash feature)

[R] is used to access optional telephone services. Contact your service provider/telephone company for details.

Note:

- If your unit is connected to a PBX (private branch exchange), consult your PBX dealer for details.

Adding entries to the phonebook

The phonebook allows you to make calls without having to dial manually. You can add 50 names and phone numbers to the phonebook.

- 1 [■/OK] 2 times
- 2 Enter the party's phone number (24 digits max.). → [■/OK]
- 3 Enter the party's name (9 characters max.). → [■/OK] → [✖①]

Note:

- When caller information is received and it matches a phone number stored in the unit's phonebook, the stored name will be displayed.

Character table

Keys	Characters
[1]	# [] * , - / 1
[2]	A B C 2
[3]	D E F 3
[4]	G H I 4
[5]	J K L 5
[6]	M N O 6
[7]	P Q R S 7
[8]	T U V 8
[9]	W X Y Z 9
[0]	(Space) 0

Note:

- To enter another character located on the same dial key, press [▶] to move the cursor to the next space, then press the appropriate dial key.

To edit/correct a mistake

- 1 Press [◀] or [▶] to move the cursor to the right of where you want to correct the

number/character.

- 2 [C] → Enter the correct number/character.

Making calls/Editing/Erasing

- 1 [□] → Press [▲] or [▼] to display the desired entry.
- 2 ■ Making calls:
[▶]
■ Editing:
[▶] → "EDIT" → [▶] → Edit the phone number. → [■/OK] → Edit the name. → [■/OK]
■ Erasing:
[▶] → "CLEAR" → [▶] → "YES" → [▶] → [✖①]

Hot key (quick dial)

Assigning an entry in the phonebook to a hot key

Dial keys [1] to [9] can each be used as a "hot key", allowing you to dial a number from the phonebook by simply pressing a dial key.

- 1 [□] → Press [▲] or [▼] to display the desired entry. → [■/OK]
- 2 "HOT KEY REG" → [▶]
- 3 Select the desired dial key. → [▶]
 - If the dial key is already assigned as a hot key, the displayed number will flash.
- 4 "YES" → [▶] → [✖①]

Making calls/Erasing

- 1 Press and hold the desired hot key ([1] to [9]).
- 2 ■ Making calls:
[▶]
■ Erasing:
[▶] 2 times → "YES" → [▶] → [✖①]

Guide to handset settings

To customise the handset:

- 1 [■/OK]
- 2 Press [▲] or [▼] to select "SETTING HS". → [▶]
- 3 Press [▲] or [▼] to select the desired item in the handset settings menu. → [▶]
- 4 Press [▲] or [▼] to select the desired item in the sub-menu. → [▶]
- 5 Press [▲] or [▼] to select the desired setting, or follow the instructions in the "Feature" column of the chart.
- To exit the operation, press [✖①].

Handset settings menu	Sub-menu	Feature (default setting)
TIME ALARM	SET TIME	Set time alarm. • Set the date and time beforehand (page 8). – Enter the desired hour and minute (24-hour time entry). → [▶] – Select the desired setting. → [▶]
	SET ALARM	Change alarm frequency ("OFF").
RINGER OPT	RINGER VOL	Handset ringer volume (level 6)
	EXT RINGER	Ringer type for external calls ("RING TYPE 1")
	INT RINGER	Ringer type for internal calls ("RING TYPE 1")
	PAGING	Ringer type for page ("RING TYPE 1")
	ALARM	Ringer type for alarm ("RING TYPE 1")
TONE OPT	KEY TONE	Keytones on/off ("ON")
	CALL WAITING	Call waiting tone on/off ("ON")
	RANGE ALARM	Range alarm on/off ("OFF")
	BATTERY LOW	Battery low alarm on/off ("ON")
DISPLAY OPT	STANDBY MODE	Standby mode display ("CLOCK")
	TALK MODE	Talk mode display ("TALK TIME")
	LANGUAGE	Display language ("ENGLISH"); page 8
CALL OPT	CALL BAR	Call bar on/off ("OFF") ^{*1} – Enter handset PIN (default: "0000"). ^{*2} – Select the desired setting. → [▶]
	DIRECT NO	Store direct call number. ^{*3} – Enter a phone number (24 digits max.). – [■/OK] 2 times → "ON" → [▶]
	SET DIRECT	Direct call on/off ("OFF")

Handset settings menu	Sub-menu	Feature (default setting)
OTHER OPT	HSPIN CHANGE	Change handset PIN ("0000"). ^{*4} – Enter the current 4-digit handset PIN. ^{*2} – Enter the new 4-digit handset PIN. – Enter the new 4-digit handset PIN again.
	AUTO TALK	Auto talk on/off ("OFF") ^{*5}
RESET HS		Reset handset to its default settings. – Follow steps 1, 2, and 3. – Enter handset PIN (default: "0000"). ^{*2} – [▼] → [▶]

*1 Call bar feature prohibits making outside calls. When call bar is turned on, only emergency calls can be made. To store emergency numbers, see page 13.

*2 If you forget your PIN, consult your nearest Panasonic service centre.

*3 Direct call feature allows you to dial a preset phone number simply by pressing []. No dialling is necessary.

*4 If you change the PIN, please write down your new PIN as the unit will not reveal the PIN to you.

*5 Auto talk feature allows you to answer calls simply by lifting the handset off the base unit or charger. You do not need to press [].

Guide to base unit settings

To customise the base unit:

1 []/OK

2 Press [▲] or [▼] to select "SETTING BS". → [▶]

• "INPUT CODE" is displayed.

3 Enter the desired code number. Follow the instructions in the "Feature" column of the chart.

• To exit the operation, press [].

Code No.	Feature (Default setting)
[0]	Reset base unit to its default settings. ^{*1} – Enter base unit PIN (default: "0000"). ^{*2} → [▶]
[3]	Dialling mode (Tone): page 8
	Flash time (400 ms) ^{*3} – Enter base unit PIN (default: "0000"). ^{*2} → [2] → [1] – Select the desired setting by pressing [1] for 700 ms, [2] for 400 ms or [3] for 80 ms. → [▶]

Code No.	Feature (Default setting)
[5]	Change base unit PIN ("0000"). ^{*4} – Enter the current 4-digit base unit PIN. ^{*2} – Enter the new 4-digit base unit PIN. – Enter the new 4-digit base unit PIN again.
[6]	Call restriction ^{*5} ■ Setting call restriction – Enter base unit PIN (default: "0000"). ^{*2} → Press the desired handset numbers. → [▶] – Enter the phone number to be restricted (8 digits max.). • To select a different memory location, press [▶] and enter a number. – [▶] ■ Turning on/off call restriction – Enter base unit PIN (default: "0000"). ^{*2} • Handset number will be displayed. A flashing number indicates call restriction is on; a non-flashing number indicates call restriction is off. – Press the desired handset numbers to turn on/off. → [▶] 2 times
[*]	Emergency number ("999") ^{*6} – Enter base unit PIN (default: "0000"). ^{*2} → [*] ■ Storing: – Enter the emergency number (8 digits max.). • To select a different memory location, press [▶] and enter a number. – [▶] ■ Editing: Press [▶] to display the desired number. → [C] → Enter the new emergency number. → [▶]

*1 Only the emergency number setting will not be reset.

*2 If you forget your PIN, consult your nearest Panasonic service centre.

*3 Change the flash time if necessary to suit your PBX or service provider/telephone company. For further information, consult your nearest Panasonic service centre.

*4 If you change the PIN, please write down your new PIN as the unit will not reveal the PIN to you.

*5 Call restriction feature restricts the handset from dialling certain phone numbers. You can assign up to 10 phone numbers (memory locations 0–9) to be restricted.

*6 Emergency number feature determines which phone numbers may be dialled while the call bar feature is turned on. A total of 4 emergency numbers (memory locations 1–4) can be stored.

Using Caller ID service

Important:

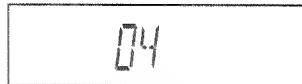
- This unit is Caller ID compatible. To use Caller ID features (such as displaying caller phone numbers), you must subscribe to Caller ID service. Consult your service provider/telephone company for details.

Caller ID features

Display indications

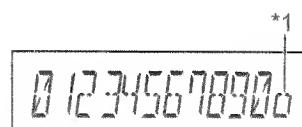
- When new calls have been received, the display will show the number of new calls.

Example: 4 new calls have been received.



- Phone numbers of the last 50 different callers will be logged in the caller list.

Example:



*1 Shown when this call has already been viewed or answered. Press [CALL] to call back.

• "OUT OF AREA": When the caller dialled from an area which does not provide Caller ID service.

• "PRIVATE": When the caller requested not to send caller information.

Call Waiting Caller ID

This is a service of your service provider/telephone company and will only operate if you have subscribed to this service. When you hear a call waiting tone during a conversation, the display will show the second caller's information. You can answer

the second call, keeping the first call on hold. Consult your service provider/telephone company for details of this service.

Storing/Editing/Erasing

- 1 Press [Δ] or [∇] to display the desired entry. → [\triangleright]

■ Storing:

"SAVE TEL NO" → [\triangleright] → [[OK]]
→ Enter the party's name (9 characters max.; page 10). → [[OK]] → [$\times\circlearrowright$]

■ Editing:

"EDIT CALL NO" → [\triangleright] → Press [\leftarrow] or [\triangleright] to move the cursor to the right of where you want to edit the number. → Edit the phone number.
→ [$\times\circlearrowright$]

■ Erasing:

"CLEAR"/"ALL CLEAR" → [\triangleright] → "YES" → [\triangleright] → [$\times\circlearrowright$]

Voice mail service

Voice mail is an automatic answering service offered by your service provider/telephone company. If you subscribe to this service, your service provider/telephone company's voice mail system will answer calls for you when you are unavailable to answer the phone or when your line is busy. Messages are recorded by your service provider/telephone company, not your telephone. When you have new messages, [MAIL] will be displayed on the handset. Please consult your service provider/telephone company for details of this service.

Note:

- If [MAIL] still remains on the display even after you have listened to new messages, turn it off by pressing and holding [\leftarrow] for 2 seconds.

Intercom between handsets (KX-TG1102 only)

Intercom calls can be made between handsets in the same radio cell.

Example: When handset 1 calls handset 2

1 Handset 1:

[INT] → Press [2] (desired handset number).

2 Handset 2:

Press [\circlearrowright] to answer.

3 When finished talking, press [$\times\circlearrowright$].

Transferring calls between handsets, conference calls (KX-TG1102 only)

Outside calls can be transferred between 2 people in the same radio cell. 2 people in the same radio cell can have a conference call with an outside party.

Example: When handset 1 transfers a call to handset 2

1 Handset 1:

During an outside call, press [INT] → Press [2] (desired handset number).

- The outside call will be put on hold.
- If there is no answer, press [INT] to return to the outside call.

2 Handset 2:

Press [\circlearrowright] to answer the page.

- Handset 2 can talk with handset 1.

3 Handset 1:

To complete the call transfer, press [$\times\circlearrowright$].

To establish a conference call, press [3].

Transferring a call without speaking to the other handset user

- 1 During an outside call, press [INT]. → Press the desired handset number.

- \circlearrowright flashes to indicate the outside call is on hold.

2 [$\times\circlearrowright$]

- The outside call rings at the other handset.

Note:

- If the other handset user does not answer the call within 30 seconds, the call will ring at your handset again.

Troubleshooting

If you still have difficulties after following the instructions in this section, disconnect the AC adaptor and turn off the handset, then reconnect the AC adaptor and turn on the handset.

Problem	Cause & solution
■ is flashing.	<ul style="list-style-type: none"> The handset is too far from the base unit. Move closer. The AC adaptor is not connected. Check the connections. You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones. The handset registration is cancelled. Register the handset to the base unit using the following method. <p>1 [■/OK] 2 "SETTING HS" → [▶] 3 "REGISTRATION" → [▶] 4 "REGISTER HS" → [▶] 5 Press and hold [•)] on the base unit for about 5 seconds. <ul style="list-style-type: none"> If all registered handsets start ringing, press [•)] to stop, then start again from step 1. The rest of the procedure must be completed within 1 minute. 6 Press [▲] or [▼] to select a base unit number. → [▶] 7 Wait until "BS PIN" is displayed. → Enter base unit PIN (default: "0000"). → [▶] <ul style="list-style-type: none"> If you forget your PIN, consult your nearest Panasonic service centre. A confirmation tone will sound, and ■ will stop flashing. If ■ is still flashing, start again from step 1. </p>

Problem	Cause & solution
I cannot make or receive calls.	<ul style="list-style-type: none"> The AC adaptor or telephone line cord is not connected. Check the connections. The call bar feature is turned on. Turn it off (page 11). You dialled a call restricted number (page 13). The key lock feature is turned on. Turn it off (page 9). The dialling mode setting is incorrect. Set to "Tone" or "Pulse" as needed (page 8).
The unit does not ring.	<ul style="list-style-type: none"> The ringer volume is turned off. Adjust the ringer volume (page 11).
The handset display is blank.	<ul style="list-style-type: none"> The handset is not turned on. Turn the power on (page 6).
The handset will not turn on.	<ul style="list-style-type: none"> Make sure that the batteries are installed correctly (page 6). Fully charge the batteries (page 6).
A busy tone is heard when [■] is pressed.	<ul style="list-style-type: none"> The handset is too far from the base unit. Move closer and try again.
Static, sound cuts in/out, fades. Interference from other electrical units.	<ul style="list-style-type: none"> Place the handset and the base unit away from other electrical appliances. Move closer to the base unit. Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.
Noise is heard during a call.	<ul style="list-style-type: none"> You are using the handset or base unit in an area with high electrical interference. Place the handset and base unit away from interference sources, such as antennas and mobile phones.
Pressing [●] does not display/dial the last number dialled.	<ul style="list-style-type: none"> The redialed number was more than 24 digits long. Redial the number manually.
I fully charged the batteries, but ■ still flashes.	<ul style="list-style-type: none"> Clean the charge contacts and charge again (page 6). It is time to replace the batteries (page 6).
I fully charged the batteries, but the operating time seems to be short.	<ul style="list-style-type: none"> Wipe the battery ends (+, -) and the unit contacts with a dry cloth.
Caller information is not displayed.	<ul style="list-style-type: none"> You must subscribe to Caller ID service. Your unit is connected to a telephone line with DSL service. We recommend connecting a filter (contact your DSL service provider) to the telephone line between the base unit and the telephone line jack.

Specifications

- **Standard:** DECT (Digital Enhanced Cordless Telecommunications)
- **Number of channels:** 120 Duplex Channels
- **Frequency range:** 1.88 GHz to 1.9 GHz
- **Duplex procedure:** TDMA (Time Division Multiple Access)
- **Channel spacing:** 1.728 kHz
- **Bit rate:** 1,152 kbit/s
- **Modulation:** GFSK (Gaussian Frequency Shift Keying)
- **RF transmission power:** Approx. 250 mW
- **Power source:** 220–240 V, 50 Hz
- **Power consumption:**

Base unit:

Standby: Approx. 3.5 W
Maximum: Approx. 9.2 W

Charger^{*1}:

Standby: Approx. 0.6 W
Maximum: Approx. 5.0 W

- **Operating conditions:** 5 °C–40 °C, 20 %–80 % relative air humidity (dry)

■ Dimensions:

Base unit: Approx. 58 mm × 123 mm × 115 mm

Handset: Approx. 143 mm × 48 mm × 32 mm

Charger^{*1}: Approx. 60 mm × 86 mm × 84 mm

■ Mass (weight):

Base unit: Approx. 180 g

Handset: Approx. 120 g

Charger^{*1}: Approx. 120 g

*1 KX-TG1102 only

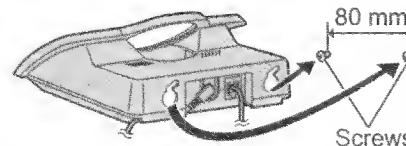
Note:

- Specifications are subject to change.
- The illustrations used in these operating

instructions may differ slightly from the actual product.

Wall mounting

Base unit



Charger (KX-TG1102 only)

